

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: October 29-30, 2008

Reference No.: 2.5g.(1b)
Action Item

From: CINDY McKIM
Chief Financial Officer

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Budgets

Subject: **FINANCIAL ALLOCATION FOR STATE-ADMINISTERED CMIA / STIP / TCRP PROJECTS ON THE STATE HIGHWAY SYSTEM (MULTI-PROGRAMMED) RESOLUTION CMIA-A-0809-005 RESOLUTION STIP1B-A-0809-007**

RECOMMENDATION:

The Department of Transportation (Department) recommends the California Transportation Commission approve an allocation of \$29,709,000 for Segment 2 of one multi-programmed Corridor Mobility Improvement Account (CMIA), State Transportation Improvement Program (STIP) and Traffic Congestion Relief Program (TCRP) project on Route 580 in Alameda County to be funded \$20,435,000 from the CMIA and \$9,274,000 from the Transportation Facilities Account (TFA)(STIP Augmentation).

This allocation will split and reprogram the original CMIA Route 580 eastbound HOV lane project (PPNO 0112A) into three segments, as documented below.

ISSUE:

The attached vote list describes one State-administered CMIA, STIP and TCRP project on Route 580 (Segment 2) in Livermore for \$29,709,000. The Department is ready to proceed with this project and is requesting an allocation at this time.

BACKGROUND:

The project is located on Route 580 between the Hacienda Drive Interchange in the city of Pleasanton and the Greenville Road Overhead in the city of Livermore. The proposed project will:

- a) Construct an EB HOV lane from the Hacienda Drive Interchange to the Greenville Road Overhead;
- b) Construct EB auxiliary lanes from El Charro Road to Airway Boulevard, from Airway Boulevard to Isabel Avenue, from Isabel Avenue to North Livermore Avenue, from North Livermore Avenue to First Street and from First Street to Vasco Road;
- c) Widen the Arroyo Las Positas Bridge;
- d) Widen the inside and outside shoulders to accommodate the HOV lane and to allow for its conversion to a HOT lane in the future;

- e) Construct soundwalls at locations identified in the environmental document;
- f) Rehabilitate the existing pavement.

This project will reduce the eastbound peak-period congestion and delays, decrease travel times, and reduce the number of accidents.

Exchange of scope

To facilitate staged construction and to minimize traffic disruptions in the corridor, it is proposed that the work relating to the widening of the Arroyo Las Positas bridge (estimated cost \$1.70 million) be moved from this project to the Route 580/Isabel Avenue Interchange project (PPNO 0115B). In exchange, Segment 2 will now include construction of three foundations for the Isabel Avenue Overcrossing (estimated cost \$1.75 million), that was previously included in the scope of the CMIA Route 580/Isabel Interchange (PPNO 0115B) project.

Schedule Variance

In order to receive competitive bidding and to reduce the construction period and traffic impacts in the corridor, the project has been split into smaller contracts. Although some milestones for the individual segments will be delayed, construction of the overall project will still be completed as indicated in the baseline agreement. The following table lists the delivery schedule of some of the major milestones for all three segments.

Segment	Environmental	Design	Right of Way	Ready to List	Contract Award	Construction Contract Acceptance
Baseline	Nov, 2007	Mar, 2005	Feb, 2008	Feb, 2008	Jun, 2008	Dec, 2011
Segment 1	No Change	No Change	No Change	No Change	Jul, 2008	No Change
Segment 2	No Change	No Change	No Change	No Change	Jan, 2009	No Change
Segment 3	Dec, 2008 ⁺	June, 2009	Mar, 2010	Mar, 2010	Aug, 2010	No Change

⁺ Revalidation of the Environmental Document for the “missing” portion of the auxiliary lanes.

Revision of the project limits

It is proposed to revise the overall project limits from R8.29/R18.82 to R7.8/R19.1. The baseline limits are to the center of the interchange while the revised limits extend to the actual roadway work conform ends.

Summary of Route 580 Eastbound HOV Lane Project:

Overall Description and Programming

<p>On I-580 between the Hacienda Drive Interchange and the Greenville Road Overhead. The project constructs (a) an eastbound HOV lane on I-580 from the Hacienda Drive interchange in the City of Pleasanton to the Greenville Road Overhead in the City of Livermore; (b) eastbound auxiliary lanes from El Charro Road to Airway Blvd., from Airway Blvd. to Isabel Avenue, from Isabel Avenue to North Livermore Avenue, from North Livermore Avenue to First Street and First Street to Vasco Road); (c) Widening of the existing bridge crossing over Arroyo Las Positas (PM 11.72) to accommodate the auxiliary (d) widen the inside and outside shoulders sufficiently to accommodate the HOV lane and allow for the conversion of the HOV lane to a HOT lane in the future, with a 14 foot wide inside shoulder width and a 4 foot wide buffer between the HOT lane and the mixed flow lanes; (e) sound walls where identified in the environmental document; (f) Caltrans SHOPP component to rehabilitate the existing pavement; and g) foundation and column in the median for the Isabel/I-580 Interchange Project.</p> <p>This project is to be implemented using three construction contracts. Widening of the existing bridge crossing over Arroyo Las Positas will be deleted from this project and added to the Isabel/I-580 Interchange Project. Foundation and column scope is being added from Isabel/I580 Interchange Project.</p>	<p>290811 04-112A CMIA/07-08 CONST SUP \$9,400,000 CONST \$62,800,000</p> <p>RIP/07-08 CONST \$17,669,000</p> <p>TCRP PA&ED \$7,000,000 CONST SUP \$5,740,000 CONST \$12,260,000</p>
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Contract #1 (Segment 1)(After approval of technical correction.)

<p>This allocation (04-290841) is for the first of three contracts to be allocated from PPNO 0112A.</p> <p>04-290841 – (a) Construct HOV lane with allowance for future HOT lane conversion in the median from Greenville Road to Portola (PM 7.8 to 13.2); (b) construct auxiliary lane from First Street to Vasco Road; (f) rehabilitate the existing pavement; and, (e) build soundwall at First Street.</p> <ol style="list-style-type: none"> \$23,337,000 CMIA for CON in FY 07-08 \$5,700,000 CMIA for CON Support in FY 07-08 \$8,395,000 RIP for CON in FY 07-08 \$12,828,000 SHOPP for CON in FY 07-08 \$3,325,000 TCRP for E&P (PA&ED) Contributions from other sources: <ul style="list-style-type: none"> \$2,850,000 Federal Demo for CON in FY 07-08 \$2,375,000 Alameda CMA for E&P (PA&ED) \$470,000 Alameda CMA for PS&E 	<p>CMIA CONST \$36,227,000 \$23,337,000 (Partial)</p> <p>RIP CONST \$8,395,000 (Partial)</p> <p>Total Segment 1 \$44,622,000 \$31,732,000</p>
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Contract #2 (Segment 2) – Current Allocation Request

<p>04-290831 – (a) Construct HOV lane with allowance for future HOT lane conversion in the median from Portola Avenue to Hacienda Drive (PM 13.2 to 19.1), (f) rehabilitate the existing pavement; (b) construct auxiliary lanes from El Charro to Airway, from Airway to Isabel, and from Isabel to Portola; (g) construct three foundations and column for the Isabel/I-580 Interchange Project.</p> <ol style="list-style-type: none"> \$20,435,000 CMIA for CON in FY 08-09 \$1,165,000 CMIA for CON Support \$9,274,000 RIP for CON in FY 08-09 \$14,172,000 SHOPP for CON in FY 08-09 \$3,675,000 TCRP for E&P (PA&ED) \$5,740,000 TCRP for CON Support (Local funds will be used in lieu of TCRP funds.) \$12,260,000 TCRP for CON in FY 08-09 (Local funds will be used in lieu of TCRP funds.) Contributions from other sources: <ul style="list-style-type: none"> \$2,450,000 Federal Demo for CON in FY 08-09 \$2,625,000 Alameda CMA for E&P (PA&ED) \$530,000 Alameda CMA for PS&E 	<p>CMIA CONST \$20,435,000 (Partial)</p> <p>RIP CONST \$9,274,000 (Partial)</p> <p>Total Segment 2 \$29,709,000</p>
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Contract #3 (Segment 3) - FY 2009-10 Delivery

<p>04-290851 – (b) Construct auxiliary lanes from Isabel to North Livermore and from North Livermore to First Street. Relocate and construct retaining wall #7 along a portion of the auxiliary lane from North Livermore Avenue and First Street.</p> <ol style="list-style-type: none"> 1. \$19,028,000 CMIA for CON in FY 09-10 2. \$2,535,000 CMIA for CON Support 3. \$700,000 Alameda CMA for PS&E in FY 08-09 	<p><u>CMIA</u> CONST \$19,028,000 (Partial)</p> <p><u>Total</u> <u>Segment 3</u> \$19,028,000</p>
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FINANCIAL RESOLUTION:

Be it resolved, for administrative purposes, the Route 580 eastbound HOV lane project (PPNO 0112A) is hereby split into three segments—Segment 1 (PPNO 0112A), Segment 2 (PPNO 0112D), and Segment 3 (PPNO 0112E), with the scope, funding, and schedules adjusted, in accordance with the executed baseline agreements; and

Be it further resolved, that \$20,435,000 be allocated from Budget Act of 2007, Budget Act Item 2660-304-6055 and \$9,274,000 from Budget Act Item 2660-304-6058 for Segment 2 of the Route 580 CMIA, STIP, and TCRP project in Livermore, as described on the attached vote list; and

Be it further resolved, that the Alameda County Congestion Management Agency will use \$18,000,000 in local funds in lieu of TCRP funds programmed for this project. A structured repayment plan for this amount was approved by the Commission on September 17, 2008, as part the TCRP Allocation Plan (September, Item 4.3), as follows: \$8,000,000 in FY 2009-10; \$7,000,000 in FY 2010-11; and \$3,000,000 in FY 2011-12; and

Be it further resolved, that reimbursements of the TCRP funds are subject to passage of the applicable state budgets in the given fiscal years and a determination of availability of adequate TCRP funds in those years.

Attachments

2.5 Highway Financial Matters

Project # Allocation Amount Recipient RTPA/CTC Dist-Co-Rte Postmile	Location Project Description Project Funding	EA PPNO Program/Year PA&ED PS&E CON ENG CONST	Budget Year Item # Fund type	Amount by Fund Type
2.5g.(1b) Proposition 1B – Multi-Program – State Administered CMIA / STIP / TCRP Project on the State Highway System			Resolution CMIA-A-0809-005 Resolution STIP1B-A-0809-007	
1 \$29,709,000 Department of Transportation MTC Alameda 04N-Ala-580 R13.2/R19.1	North of Pleasanton and in Livermore, on Route 580 – Contract #2. Construct HOV lane with allowance for future HOT lane conversion in the median from Portola Avenue to Hacienda Drive (PM 13.2 to 19.1); rehabilitate the existing pavement; construct auxiliary lanes from El Charro to Airway, from Airway to Isabel, and from Isabel to Portola; construct three foundations and column for the Isabel/I-580 Interchange Project. (TCRP Project #31)	290831 04-0112D CMIA / 07-08 CMIA / 08-09 \$0 \$0 \$1,165,000 \$20,435,000	2007-08 304-6055 CMIA	\$20,435,000
	This allocation will split and reprogram the original CMIA project into three segments. This allocation for Segment 2 (of 3 segments) also reprograms RIP and CMIA funds from FY 07-08 to FY 08-09, as follows:	RIP / 07-08 RIP / 08-09 \$0 \$0 \$0 \$9,274,000	2007-08 304-6058 TFA	\$9,274,000
	1. \$20,435,000 CMIA for CONST in FY 08-09. 2. \$1,165,000 CMIA for CONST Support in FY 08-09. 3. \$9,274,000 RIP for CONST in FY 08-09.			
	Other Related State Funds:	TCRP / 08-09 \$0 \$0 \$0 \$18,000,000		
	4. \$14,172,000 SHOPP for CON in FY 08-09. (2.5g.(6)) 5. \$3,675,000 TCRP for E&P (PA&ED). (Prior Allocation) 6. \$5,740,000 TCRP for CON Support. (Local in Lieu) 7. \$12,260,000 TCRP for CON in FY 08-09. (Local in Lieu)			
	8. Contributions from local sources: \$2,450,000 Federal Demo for CON in FY 08-09. \$2,625,000 Alameda CMA for E&P (PA&ED). \$530,000 Alameda CMA for PS&E.			
	The first segment (PPNO 0112A, EA 04-290841) was allocated on March 13, 2008 (Resolution CMIA-A-07-08-009 and Resolution STIP1B-A-07-08-010). A related technical correction (2.9) adjusts the scope and funds to designate the first allocation as Segment 1. The third segment (PPNO 0112E, EA 04-290851) is scheduled for allocation in FY 2009-10.			
	The Alameda County Congestion Management Agency is using \$18,000,000 in local funds in lieu of TCRP funds. A structured repayment plan for this amount was approved by the Commission on September 17, 2008, as part the TCRP Allocation Plan (Item 4.3), as follows:			
	FY 2009-10 \$8,000,000 FY 2010-11 \$7,000,000 FY 2011-12 \$3,000,000			
	(Reimbursements of the funds are subject to passage of the applicable state budgets in the given fiscal years and a determination of availability of adequate TCRP funds in those years.)			
	<u>Outcome/Outputs:</u> The overall project would reduce recurring traffic congestion and delay by providing 5.6 miles of HOV lanes that would improve highway service for carpool and transit riders. The daily vehicle hours of delay saved is expected to be 3,522 hours.			
	(Related environmental matters [Resolution E-08-19].)			